SAMSUNG

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Samsung Account Manager

SAMSUNG MOBILE COMPUTING WINTER 2010

Sales Talk Guide

Designed to go.
Powered to perform.

SAMSUNG

Why Samsung PCs?

A trusted brand

From its founding in 1969, Samsung has grown from a small export business to the world's largest electronics company. We now produce world-leading products in a range of categories, and our mobile computing products have swiftly grown to play a prominent role in this leadership. Through a dedication to quality, performance, technology, design and service, Samsung has risen to become one of the fastest growing PC vendors in the world.

Better performance & better technology

We have worked tirelessly to craft laptops that satisfy the ever-growing demand for performance on the go, pushing the boundaries to offer mobile computers that sport the longest battery life in the industry [Computer Shopper Magazine, UK, 2009]. With Samsung's AllShare™ technology, connecting and sharing between your mobile laptop and other electronic devices could not be simpler. It's this investment in performance that has won us awards including "Product of the Year 2009" from Wired (US), Mikro PC (Finland), and PC World (China & Poland).

Unrivalled product quality

We use a tried-and-tested three-step development process that guarantees unrivalled product quality. Firstly, we manufacture the vast majority of our laptop components ourselves, so that we can attest that each element is world-class. Secondly, our notoriously rigorous quality assurance programs ensure that only the best products make it through our reliability labs. Lastly, our excellence in manufacturing - within proven ISO certified conditions - guarantees the highest quality standards, every time. These unique characteristics and our commitment to global environmental standards ensure that our laptops offer unrivaled product quality.

Designed to turn heads

As witness by a growing design trend within the notebook PC segment, a laptop's aesthetic is one of the most important considerations when making a purchase. Through our worldwide design center and partnerships with world-leading product designers, we have created laptops with style. Our product range, with its sophisticated Crystal design concept will continue this devotion to aesthetic excellence. It's no surprise that we have won so many prestigious design awards such as the iF and IDEA Design awards and the Good Design 2009 "Gold Award".

Worry-free service

While our laptops are some of the most reliable on the market, we understand your demand for outstanding after sales service and warranty. So we're committed to providing the best, most timely customer service in the industry. Thanks to our global service network in 78 countries and our incredibly fast turnaround time - ensuring vast majority of all laptops are returned to customers within 3 days - we're proud to be recognized as leader in delivering customer service satisfaction (ranked #1 for customer satisfaction in the notebook PC category by PC Pro UK in 2009).

Everyday

Samsung quality at an affordable price. Introducing the new line of Samsung notebook computers, built to affordably handle work, play or whatever your everyday brings.

Putting our planet first

Efficient Manufacturing

Because Samsung focuses on designing smaller, thinner, lighter products, we do more with less material. And, wherever possible, Samsung uses up to 75% of its own components from memory to batteries and screens. This focus on manufacturing excellence means Samsung mobile PCs have one of the best reliability records in the industry, whilst lowering our carbon footprint.

Planet First™

Packed, to Go

Efficient packaging design helps reduce the emissions produced during transportation, whether it is by sea or air. The new packaging for our notebooks is 20% smaller and 25% smaller for netbooks than in 2009, meaning we are now able to air freight up to 37% more devices in a single pallet, resulting in fewer CO2 emissions.

Product In Use

Every single notebook in our product line-up is ENERGY STAR 5.0 and TCO 3.0 compliant. This means our devices are designed to be significantly more efficient in power consumption. And, as a result, they also lessen the single biggest product contributor to greenhouse gas emissions.

TCO 3.0 is the leading environmental and usability standard that rewards products for their efficient performance, ergonomics and eco-friendliness.

ENERGY STAR compliant computers meet strict energy efficiency guidelines, reducing energy costs and cutting greenhouse gases.

Responsible Recycling

Waste Electrical and Electronic Equipment (WEEE) is one of the fastest-growing waste streams in Europe. The WEEE Directive was introduced to increase levels of recycling and reduce the impact of electronic waste on the environment. Samsung Electronics supports the WEEE Directive and is working to ensure that our products are recycled at end-of-life.

Notebook Common Features

Smarter and Faster Performance
Intel® Core™ i7/i5/i3 Processors move faster than you do by automatically allocating processing power where it's needed most. So, whether you're creating high definition (HD) video, composing digital music, editing photos, or playing the coolest PC games, you can multitask with ease.

HD LED Backlight Technology
Instead of using fluorescent tubes, LED panels use a row of lights running along the edge of the display. This enables the screen to produce truer colors and contrast, so movies and photos appear more realistic, and they also reduce power consumption enabling longer battery life.

16:9 Ratio Displays
The wide angle displays allows you to enjoy photo-like image quality, greater viewing angles and better text legibility, reducing eye strain. Its proper 16:9 aspect ratio also provides the most accurate representation of Blu-ray video content in High Definition (HD) and games, without any black bands.

Fast Start*
"Fast Start" lets you get started within three seconds of opening the display or pressing the power button. In this advanced sleep mode, data is also saved on HDD as well as memory, so your content is ready, just as you left it, even if power is suddenly lost or you change the battery.

Easy File Share*
Quickly and securely copy files, images, music or share information wirelessly with any other notebook, netbook or wireless-enabled Samsung PC via an ad-Hoc Wi-Fi connection. If you buy a new PC it also makes it very easy to transfer all of your files.

HDMI Connectivity*
For the ultimate in viewing, simply connect your HD Television (HDTV) or home theatre system using the built-in HDMI (High Definition Multimedia Interface), allowing 100% transmission of visual and audio digital signals. Experience richer colors, beautiful rendering and perfect image and sound reproduction.

* Not available on RV Series

Netbook Common Features

Intel Atom Processor
A power efficient processor designed for low cost laptops, netbooks and desktop PC's. It uses older technology and provides slow clock spends and limited amounts of cache, but as it works at a reduced voltage it can be used in the smallest laptops and netbooks, as well as fan less machines.

10.1" Anti-Reflective LED Backlit Displays
Instead of using fluorescent tubes, LED panels use a row of lights running along the edge of the display. This enables the screen to produce truer colors and better contrast, so movies and photos appear more realistic, and they also reduce power consumption enabling longer battery life.

Integrated Webcam
All of our netbooks feature an integrated digital motion camera, which provides the user with a simple way to keep in touch with friends or family, using video-conferencing or live messaging. The camera combines the resolution and image quality of a still camera with the sustained high frame rates of a video camera.

Simple Data Sharing
By incorporating a 4 in 1 memory card reader (SD, SDHC, MMC, SDXC) and 3 x USB ports, our netbooks allow the end user to seamlessly move data from their digital camera, camcorder, MP3 player or PDA straight to the netbook.

Wireless Connectivity
With 802.11bgn complaint wireless as standard, our netbooks deliver up to 150mbps at twice the range of previous generations 802.11b.g. So they are ideal for streaming video around the home or downloading media files.

Fast Start
"Fast Start" lets you get started within three seconds of opening the display or pressing the power button. In this advanced sleep mode, data is also saved on HDD as well as memory, so your content is ready, just as you left it, even if power is suddenly lost or you change the battery.

Samsung Software Solutions

Samsung notebooks are equipped with Samsung's groundbreaking software utilities for even greater ease of use. These include Samsung's advanced security features and simple device management.

Safety

Samsung Recovery Solution
Creates a restore point so that your computer will return to its previous state anytime it is needed. Therefore improving the overall stability of the notebook & netbook.

Samsung Support Center
A self-diagnosis solution that checks and repairs the status of your processor, hard drive, hyper memory, graphics, sound and network cards, while also monitoring its security.

Norton Internet Security (Free 60-day Trial)
Scans and removes viruses from your computer and protects your computer from various threats on the Internet.

HDD Password
This added level of security allows you to protect your hard disk drive with a password that has been saved directly on it – securing your files even when the HDD is integrated into another notebook, netbook or LAN.

Multimedia

CyberLinkYouCam
Adds entertaining and useful effects to video chats or recorded videos. It is also great for presentations, offering different display modes according to the presenter's needs.

Game Console
Create a powerful games machine and trial selected games free of charge for an hour. You can also access and buy more games through the linked website.

* Software configuration may vary from model to model.

Utility

Samsung Fast Start
Boots up your computer significantly faster when in sleep mode, so you can save time and get things done faster, especially if you frequently move between different locations.

Easy Speedup Manager
Enables your computer to operate at maximum performance or you can quickly switch to either low noise or low power mode using a hotkey.

Easy Network Manager
Allows you to create profiles for different networks so the next time you visit a location just 'double-click' and instantly your computer is configured for use.

Battery Life Extender
Allows you to configure your mobile computer to get the most from its advanced technology to further extend its battery life.

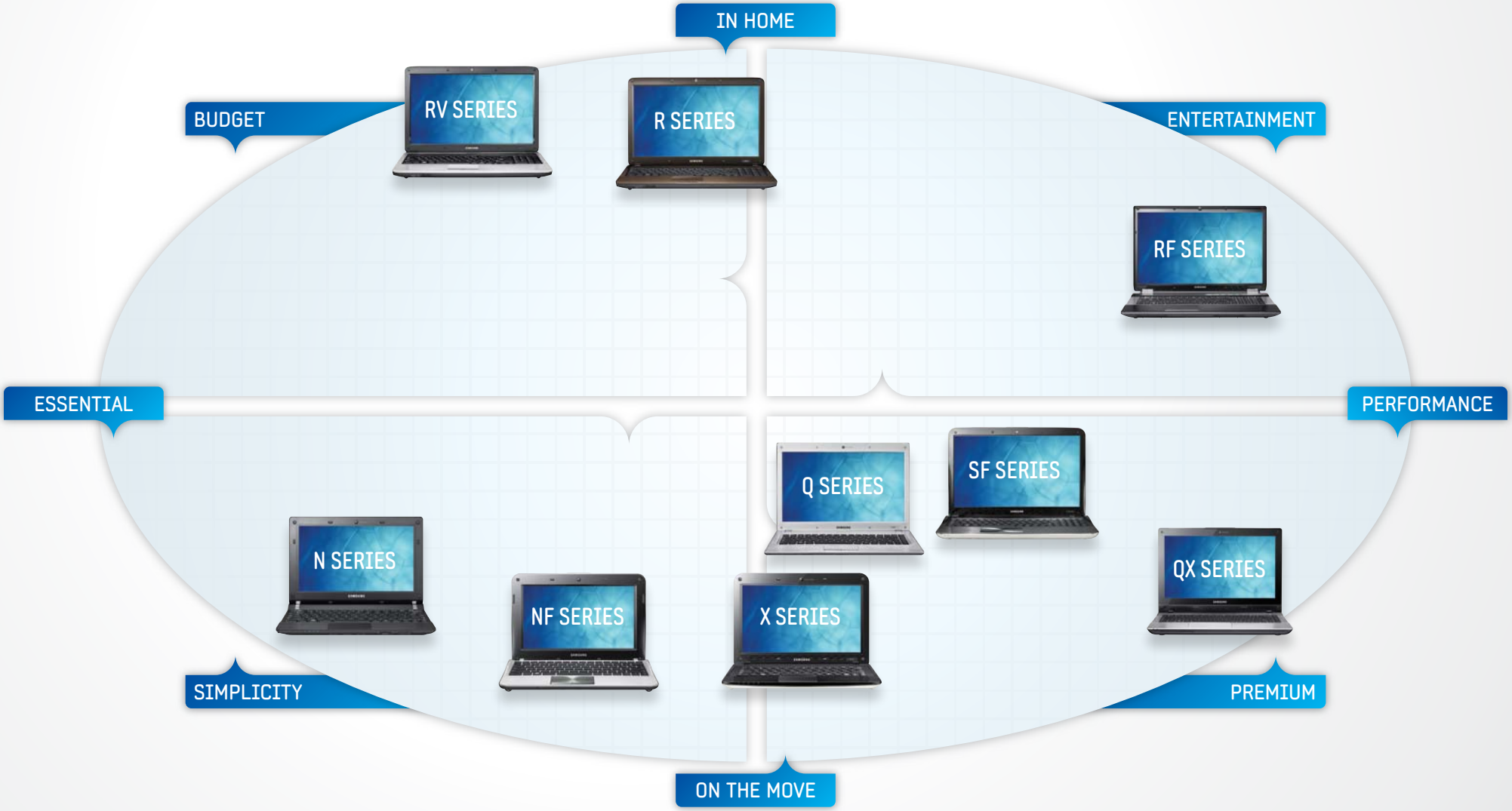
Easy Display Manager
With 3D icons and a quick-operating hotkey, you can instantly view the exact status of your computer with perfect visibility.

Samsung Update Plus
Automatically finds and even installs the latest drivers and utility software for your mobile computer so you can be sure you are getting optimum performance.

Easy File Share
Using a Wi-Fi Ad-hoc connection activated by a four-digit key you can quickly copy files, images, music or share information wirelessly with any other PC.

Easy Content Share (also called AllShare™)
Makes it easy to play multimedia content, including video, photos and music, in multiple Samsung devices by building a wireless home-network system (DLNA: Digital Living Network Alliance).

Product Segmentation



Lightweight and always ready to go

13.5 hr

10.1" WSVGA
1.03-1.18kg

* Battery 6 Cell (65Wh)

9.7 hr

10.1" WSVGA
1.26kg

* Battery 6 Cell (48Wh)

10 hr

10.1" WSVGA
1.24kg

* Battery 6 Cell (48Wh)

9.7 hr

10.1" WSVGA
1.24kg

* Battery 6 Cell (48Wh)

12.8 hr

10.1" WSVGA
1.3kg

* Battery 6 Cell (65Wh)

* N350 for illustration purposes only

NB30 Plus Stylish S
Pattern design.
Blue / Black / White

N145
White Matt / Black Matt

N250 / N350
Black Finish

N150 Plus
Sleek design and
vibrant colours

Intel Atom N455/N470/ N550 Processors

These processors are at the heart of Samsung netbooks. Usage is ideally suited to the first-time buyer or as a supplement to a primary notebook. There low price and practical functionality give people an easy way to get onto the web, send emails, and carry out basic tasks.

Fast Start

Even when in sleep mode, allows the user to start within seconds of opening the display or pressing the power button. Contents remain as they were left, even if power is suddenly lost or the battery is changed.

Long Battery Life

Users can go an entire working day on a single charge, with an extensive battery life of between 9.7-13.5 hours* (N350 with a 6 cell 5900mAh). This vastly improved battery life is guaranteed by power-efficient LED displays and optimized processing, coupled with Samsung's class leading engineering.

Fully Featured for Simple Data Sharing

All enable simple data sharing with a host of advanced connectivity tools, including 4 in 1 memory card readers and 3 built-in USB ports, so it's easy to transfer pictures, movies and data to and from virtually any modern camera, peripheral or audio-visual device.

Anti Reflective Screen

Users are guaranteed a display that will not mirror the surrounding light conditions, so they can keep working even in direct sunlight.

Extensive Wireless Connectivity

Advanced communications technologies, including 802.11bgn wireless and 3G modem (HSPA** and WiMAX**), provide high speed access to the Internet and your data anytime and anywhere.

* Battery life based on BatteryMark test scores that will vary based on configuration.
** HSPA & WiMAX dependant on regional SKU variants.

Great style and performance to go!

9.4 hr

10.1" WSVGA
1.3kg

* Battery 6 Cell (48Wh)

14.5 hr

10.1" WSVGA
1.3kg

* Battery 6 Cell (66Wh)

10.7 hr

10.1" WSVGA
1.28kg

* Battery 6 Cell (48Wh)

NF110

NF210

NF310

NF110
Gloss black finish

NF110
Gloss white finish

NF210
Ivory Finish

NF210
Gloss black finish

NF310
Black

Sleek Design

Captivating fluid contours, with smooth, rounded edges, in slim casings with a choice of stylish finishes. This series of netbooks is ideally suited for today's fashion conscious users, who are willing to pay a little be more for the best.

Intel Atom N455/N475/ N550 Processors

The latest Intel processors designed for netbooks. Usage is ideally suited to the first-time buyer or as a supplement to a primary notebook. There low price and practical functionality give people an easy way to get onto the web, send emails and carry out basic tasks.

Anti Reflective Screen

Users are guaranteed a display that will not mirror the surrounding light conditions, so they can keep working even in direct sunlight.

Long Battery Life

Users can go an entire working day on a single charge, with an extensive battery life of between 9.4-14.5 hours* (NF210 with a 6 Cell 8850mAh). This vastly improved battery life is achievable by using power-efficient LED backlit displays and optimized processing, coupled with Samsung's class leading engineering.

Fast Start

Even when in sleep mode, allows the user to start within seconds of opening the display or pressing the power button. Contents remain as they were left, even if power is suddenly lost or the battery is changed.

Extensive Wireless Connectivity

Advanced communications technologies, including 802.11bgn wireless and 3G modem (HSPA** and WiMAX**), provide high speed access to the Internet and your data anytime and anywhere.

* Battery life based on BatteryMark test scores that will vary based on configuration.
** HSPA & WiMAX dependant on regional SKU variants.

All round style and performance

3.3 hr

15.6" HD LED
2.51kg

* Battery 6 Cell (4000mAh)

3.0 hr

17.3" HD LED
2.8kg

* Battery 6 Cell (4400mAh)

3.3 hr

15.6" HD LED
2.51kg

* Battery 6 Cell (4000mAh)

3.5 hr

14" HD LED
2.3kg

* Battery 6 Cell (4000mAh)

4.7 hr

15.6" HD LED
2.4kg

* Battery 6 Cell (4000mAh)

4.5 hr

15.6" HD LED
2.6kg

* Battery 6 Cell (4000mAh)

R540 Silver Finish

R440 / R540
Silver finish

R440 / R540
Dark brown finish

R440 / R540
Light brown finish

R480 / R580 / R780
Red Touch of
Colour Finish

R590
Blue Touch of
Colour Finish

Smarter and Faster Performance

Intel® Core™ i5/i3/i7 Processors accelerate performance by dynamically allocating processing power where it's needed, so you can multitask without slowing down the computer. Supports up to 4-8 (Core i7) way multi-tasking for advanced applications.

Easy-to-use Numeric Keypad

Provides enhanced usability with a full-sized 17-key numeric keypad*, making it easy to type numbers, do calculations or use it for gaming activities. Ideal for working with spreadsheets or numbers.

Enhanced Graphics

A powerful graphics card – NVIDIA GeForce GT 330M** (R590/R480), ATI Mobility Radeon™ HD545v** (R540) or NVIDIA GeForce GT 320M** (R440) – with up to 1GB of dedicated graphics memory provides advanced 3D image processing.

Designed for your style

The bold look of the laptops' shells marries fashion and function. With Touch of Color edges and an eye-catching blue design, you'll enjoy a premium device colored to match your lifestyle. (Touch of Colour only on R480 / R580 / R590 /R780)

DDR3 Enhanced Memory

The successor to DDR2 memory, DDR3 offers an improvement of around 30% in transfer speed compared to DDR2, so applications run faster. It also uses less power, therefore improving the battery life of the device. Found on the newer, more premium devices.

Sleep-and-Charge USB

Allows portable devices like MP3 players or smartphones to be charged from a specific USB port, even if the notebook is switched off or in standby mode. Ideal for people on the move.

* Not available on the R430 and R480
** Factory option.

Spiral Black Finish

Big on power, big on performance

4.3 hr

17.3" HD LED
2.9kg

* Battery 6 Cell (57.5 Wh)

4.9 hr

15.6" HD LED
2.6kg

* Battery 6 Cell (57.5 Wh)

5 hr

14" HD LED
2.3kg

* Battery 6 Cell (57.5 Wh)

Smarter and Faster Performance

Intel® Core™ i7/i5/i3 Processors accelerate performance by dynamically allocating processing power where it's needed, so you can multitask without any slowing down the computer. Supports up to 4-8 (Core i7) way multi-tasking for advanced applications.

Outstanding Multimedia Performance

A dedicated NVIDIA GeForce GT420M* or GT330M* graphics card provide best-in-class 3D image rendering to get the best out of all the latest games and applications.

Easy Control Button

Convenient multimedia control buttons let you turn your wireless signal on or off with one touch or instantly control your volume by muting it or turning it up or down.

Sleep-and-Charge USB

Allows portable devices like MP3 players or smartphones to be charged from a specific USB 3.0 port, even if the notebook is switched of or in standby mode. Ideal for people on the move.

Easy-to-use Numeric Keypad

Provides enhanced usability with a full-sized 17-key numeric keypad*, making it easy to type numbers, do calculations or use it for gaming activities. Ideal for working with spreadsheets or numbers.

Enhanced Acoustic Chamber System

SRS Premium Sound™ delivers more natural and realistic 3D sound for music, movies and games with its bigger acoustic chambers. Provides enhanced bass, crystal clear dialog and better definition control for maximum clarity at high frequency.

* Only available on RF510, RF710.
** Factory option.

Gloss black finish

Simplicity you can depend on

5.8 hr

15.6" HD LED
2.44kg

* Battery 6 Cell (4000mAh)

6 hr

14.0"" HD LED
2.26kg

* Battery 6 Cell (4000mAh)

Designed for Great Value

Affordable, but still built to deliver outstanding quality and performance. As well as a choice of stylish finishes they incorporate a range of ergonomic and user-friendly features, including an Island type keyboard and SuperSilent mode.

Class Leading Craftsmanship

Built to the highest quality standards for dependable reliability and long-term value. The robust Samsung durable casing prevents scratches and finger marks and can withstand everyday knocks.

Enhanced Multimedia Performance

Featuring a powerful ATI HD 545v graphics card with 512MB of memory, which provides advanced image processing for an exceptional high definition video and gaming experience.

Super Silence

A silent mode can be used to make your personal environment more comfortable and pleasant and is perfect in noise-sensitive locations.

Easy-to-use Numeric Keypad

Provides enhanced usability with a full-sized 17-key numeric keypad*, making it easy to type numbers, do calculations or use it for gaming activities. Ideal for working with spreadsheets or numbers.

* Not available on the RV410.

Always on' style and performance

8.0 hr

14.0" HD LED
1.99kg

* Battery 6 Cell (8850mAh)

8.2 hr

13.3" HD LED
1.65kg

* Battery 6 Cell (8850mAh)

8.2 hr

11.6" HD LED
1.49kg

* Battery 6 Cell (8850mAh)

7.0 hr

11.6" HD LED
1.52kg

* Battery 6 Cell (8850mAh)

Carbon Fibre Finish
* X130 / X330 / X430

Matt White
*X125 Only

DDR3 Enhanced Memory

The successor to DDR2 memory, DDR3 offers an improvement of around 30% in transfer speed compared to DDR2, so applications run faster. It also uses less power, therefore improving the battery life of the device. Found on the newer, more premium devices.

World Class Mobile Performance

Feature state-of-the-art Intel Corei3/i5 (Ultra Low Voltage) processors*, which deliver unrivalled mobile performance. Having two cores in one processor package significantly enhances simultaneous computing, such as multi-threaded applications, while also balancing power requirements.

Optimized Battery Life

By optimizing processing performance, introducing advanced LED energy saving displays, and offering proprietary Enhanced Battery Life (EBL) solutions, the X-Series notebooks can be used on battery power for literally a whole day, at 8.2 hours** (X130 using Intel GMA 4500 HD Graphics with a 6 cell 8850mAH) run-time, from a single charge.

Seamlessly Styled Sophistication

Feature a sleek Island keyboard and ergonomic design meaning that users experience less wrist strain as they type. At just 25-26mm in depth, these super-thin laptops will fit easily into almost any bag.

Super Silence

A silent mode can be used to make the user's personal environment more comfortable and pleasant and is perfect in noise-sensitive locations.

Durable and Stylish

A durable carbon-look, patterned exterior*** provides a sleek and seamless finish, while also shielding the inner-technology from the bumps and knocks of life on the move.

* X125 is based on AMD Neo II Processor technology.
* Battery Mark Score, based on Intel GMA 4500 HD (X130 / X330 / X430) Graphics, X125 based on ATI Radeon HD4225
*** Not available on the X125.

Black finish

Power your life on the go

5.9 hr

15.6" HD LED
2.39kg

* Battery 6 Cell (5200mAh -> 57Wh)

6.1 hr

14.0" HD LED
2.13kg

* Battery 6 Cell (5200mAh -> 57Wh)

7.6 hr

13.3" HD LED
1.96kg

* Battery 6 Cell (66Wh)

7 hr

12.1" HD LED
1.8kg

* Battery 6 Cell (57Wh)

Smarter and Faster Performance

Intel® Core™ i5/i3 Processors accelerate performance by dynamically allocating processing power where it's needed, so you can multitask without slowing down the computer. Supports up to 4 way multi-tasking for advanced applications.**

Powering Your Life on the Go

With an ultra slim design that is between 26.4-28.9mm deep and weighing 1.8- 2.39kg, the Q Series delivers ultimate portability suitable for any environment. Users can go an entire working day on a single charge, with an extensive battery life of up to 7.6 hours* (Q330 with NVIDIA 310M 512MB Optimus Graphics).

Feature Packed Slimline Design

An ultra slim, 26.4mm deep design ensures your on-the-go lifestyle is stylish and comfortable, but still features an Optical Disk Drive (ODD), island keyboard, USB and HDMI ports, and eature packed slim line design (Q230 4-in-1).

Sleep-and-Charge USB

Allows portable devices like MP3 players or smartphones to be charged from a specific USB port, even if the notebook is switched off or in standby mode. Ideal for people on the move.

Hybrid NVIDIA graphics

Depending on which applications are running, these models switch between the fast discrete NVIDIA GeForce 310M/330M** processor and power-efficient integrated Intel HD Graphics. So you don't have to compromise performance for battery life, or vice versa.

Bluetooth 3.0 High Speed

Wirelessly transfer music, pictures, films and any other data between devices at an ultra high speed 24 Mbps, 8x faster than Bluetooth 2.0, with enhanced power control for more battery life.

* Battery Mark Score, based on NVIDIA 310M (512MB) Optimus Graphics
** Factory option.

Aluminum finish

Power your life on the go

7.2 hr

15.6" HD LED
2.46kg

* Battery Li-Polymer (5500mAh)

7.7 hr

14.0" HD LED
2.3kg

* Battery Li-Polymer (5500mAh)

7.8 hr

13.3" HD LED
2.09kg

* Battery Li-Polymer (5500mAh)

Premium Style, Durable Metal Design

An ultra-thin and durable aluminum exterior provides a sleek and seamless "airfoil" look, accentuated by stylish features like an edge-to-edge display, hidden ports, iconic lighting and an Island keyboard.

Powering Your Life on the Go

Up to 7.8 hours* (QX310 using NVIDIA 310M 512MB Optimus Graphics) on a single charge. Its advanced Lithium-Polymer battery and Samsung's innovative charging technology also make the battery lifespan last up to three times longer than a typical notebook battery, so you can keep on going – anywhere.

Smarter and Faster Performance

Offer a choice of Intel's Core i5 and i7 processors, the fastest dual core solutions on the market. These enable up to 8-way multi-tasking (Core i7) on the most demanding tasks, such as creating digital video and playing intense games.

Sleep-and-Charge USB

Allows portable devices like MP3 players or smartphones to be charged from a specific USB port, even if the notebook is switched off or in standby mode. Ideal for people on the move.

Hybrid NVIDIA graphics

Depending on which applications are running, these models switch between the fast discrete NVIDIA GeForce GT 310M/420M processor and power-efficient integrated Intel HD Graphics. So you don't have to compromise performance for battery life, or vice versa.

Gesture Pad

A larger, fully touch sensitive touch pad provides a stylish and convenient way to use your notebook. Using just a choice of simple finger movements the information you need is always at your fingertips.

* QX310 / QX410 Battery Mark Score, based on NVIDIA 310M (512MB) Optimus Graphics. QX510 based on NVIDIA 420M (1GB) Optimus Graphics

Great style and performance to go!

7.5 hr

15.6" HD LED
2.39kg

* Battery Li-Polymer (5500mAh)

7.7 hr

14.0" HD LED
2.15kg

* Battery Li-Polymer (5500mAh)

7.8 hr

13.3" HD LED
2.99kg

* Battery Li-Polymer (5500mAh)

Ivory with
black inside

Sliver Outer Case

Sleek design

Captivating fluid contours, with smooth, rounded edges, in slim casings with a choice of stylish finishes. This series of notebooks is ideally suited for today's fashion conscious users, who are willing to pay a little be more for the best.

Long battery life

Up to 7.8 hours* (SF310 using NVIDIA 310M 512MB Optimus Graphics) on a single charge. Its advanced Lithium-Polymer battery and Samsung's innovative charging technology also make the battery lifespan last up to three times longer than a typical notebook battery, so you can keep on going – anywhere.

Smarter performance

Intel® Core™ i5/i3 Processors accelerate performance by dynamically allocating processing power where it's needed, so you can multitask without slowing down the computer. Supports up to 4 way multi-tasking for advanced applications.

Sleep-and-Charge USB

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Hybrid NVIDIA graphics

Depending on which applications are running, these models switch between the fast discrete NVIDIA GeForce GT 310M processor and power-efficient integrated Intel HD Graphics. So you don't have to compromise performance for battery life, or vice versa.

Gesture Pad

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* Battery Mark Score, based on NVIDIA 310M (512MB) Optimus Graphics

Samsung Product Selector

Screen Size	All Purpose Netbook N SERIES	Premium Netbook NF SERIES	Essential Notebook RV SERIES	All Purpose Notebook R SERIES	Entertainment Notebook RF SERIES	Ultra Portable Notebook X SERIES	Mobile All Purpose Notebook Q SERIES	Premium Design Notebook SF SERIES	Premium Mobile Notebook QX SERIES
17.3"	X	X	X	R780	RF710	X	X	X	X
15.6"	X	X	RV510	R580 / R590 R540	RF510	X	Q530	SF510	QX510
14.0"	X	X	RV410	R480 / R440	RF410	X430	Q430	SF410	QX410
13.3"	X	X	X	X	X	X330	Q330	SF310	QX310
12.1"	X	X	X	X	X	X	Q230	X	X
11.6"	X	X	X	X	X	X130	X	X	X
10.1"	N145p / N150p NB30p / N250p N350p	NF310 / NF210 NF110	X	X	X	X	X	X	X

Q&As

Q1. How do I decide what notebook to buy?

To choose the right machine you should start by deciding what is most important to you: power ("Performance" notebooks), portability ("Thin & Light" notebooks) or value ("Everyday" notebooks). Once you have chosen the range that best suits your lifestyle needs you can then decide what size screen you need – notebooks with smaller screens tend to be lighter and easier to carry, but if you enjoy playing the latest games, watching films or do any other visually demanding tasks then a larger screen is better.

Q2. What is a High-Sensitivity WebCam? Is it powerful enough?

Samsung notebooks and netbooks include a built-in High-Sensitivity WebCam, which is three times more sensitive to lighting conditions, so it delivers clearer, sharper, continuous motion recording even in areas with low light. With a resolution of 0.3 megapixels the camera is ideal for chatting on the Internet, so now you can enjoy continuous and fluid recording, with less distortion and interruption, at any time of the day.

Q3. What is Easy Content Share (also called AllShare™) and what are its benefits?

In today's digital world most people have a variety of devices to take photos, capture video or listen to music, so the content we create and download is often stored in a multitude of places. This can make it quite complex to view or play them back or result in unnecessary duplication. Samsung's Easy Content Share technology makes it easy to search, play and control almost any type of multimedia content, including video, photos and music, that is stored in multiple Samsung devices by building a wireless home-network system.

Unlike Samsung's Easy File Share solution, which is a simple way of wirelessly sharing information and files with other PCs, Easy Content Share creates a playlist for all multimedia devices, such as cameras, camcorders, phones, desktop PCs or notebooks. Content is still saved on each separate device, but Easy Content Share automatically collates all this information so it's easy to search and choose which files to watch or play.

Q4. What is Fast Start and why is it different?

Sometimes you just want to get on with things, so it can be incredibly frustrating waiting for your computer to boot-up. Fats Start is an innovative solutions that can get you started in just three seconds. It uses a unique hybrid sleep mode acts like the more traditional hibernate mode, but the system can be quickly activated simply by opening the lid or pressing the power button. In this state data is also saved on the HDD as well as memory, so it's always ready to go, exactly as it was left. And even if power is suddenly lost or you change the battery there's no risk of losing any tasks or information that you were using.

Q5. What is a Chargeable USB port and what can it do?

With Samsung's Chargeable USB port there's no excuse for you to run out of power. It's easy to charge a wide variety of portable devices, such as mobile phones or MP3 players, using even when the notebook or netbook is turned off. So you can keep going for longer when you're on the move.

Q6. What is the benefit of having an LED backlight LCD screen?

LED backlight LCD screens have a super-slim profile, consume significantly less power (up to 40% less on some monitors) and are environmentally superior as they don't contain toxic halogen or mercury like traditional CCFL LCD displays. The screens also offer high color accuracy, with a wider color gamut, so images are richer and more natural. Additionally, LED monitors have the added advantage of a longer life span, typically lasting over 100,000 hours.

Q7. Can I use my notebook to watch movies on a TV screen?

Most modern HD televisions have HDMI inputs – a video and audio interface that supports high definition (HD) signals and surround sound audio. So you can easily connect notebooks that have an HDMI port using a simple HDMI cable and stream movies or playback any other multimedia content. HDMI also allows the display to tell the source what type of screen it is so they can both adjust themselves to obtain the best quality.

In addition, Samsung's Easy Content Share technology (also called AllShare) makes it easy to access almost any type of multimedia content, including HD video, photos and music, that is stored in multiple Samsung devices and wirelessly play it back on a Samsung TV (TVs other than the 9000 Series require cables) .

Q9. How can I back up my data to avoid losing it?

The Samsung Recovery Solution is a fast and easy way to backup and restore information on your notebook. You can perform a complete backup of the entire notebook, including the operating system, programs, settings and data files. If a problem occurs you can restore your notebook using a previously created backup, including the installation of device drivers and Samsung applications without DVDs.

Q10. I'm concerned about the battery life, how long does it last?

Battery life will obviously vary depending on usage, but Samsung's Battery Life Extender can last significantly longer than competitors' batteries. This unique utility restricts charging to 80% capacity when the notebook or netbook is connected to mains in order optimize the overall battery life. The life time is also extended by controlling charging rate depending on the temperature. So, while Samsung batteries normally have a life expectancy of 300-500 cycles, which already exceeds the 250-300 cycles of competing products, by using the Battery Life Extender this can be radically extended to 600-1000 cycles*

* Tested under same conditions.